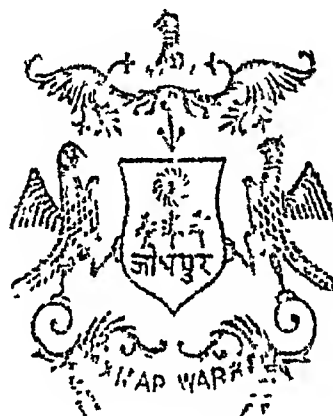


PROGRESSIVE REPORT.
OF
FOREST ADMINISTRATION
IN THE



Jaodhpur State Rajputana.

FOR THE YEAR 1900 1901.

BY

PANCHOL LACHMAN DAS,

Superintendent of Forest Department.

JODHPUR:

Printed at the 'Karnal' State Press.

1902.

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Progress report
of forest admini-
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SUBJECT.	PAGE.
Continued.	
" 56 Account of timber and other produce cut or collected by Raj Agency and brought to sale Depots or sold locally during the year.	20 to 29
" 58 Summary of Revenue	30
" " " " Expenditure of different ranges	31 and 32
" 59 Account current	33
" 60 Revenue received and outstanding on account of revenue	34
" 61 Outstanding and liabilities on account of Contractors and disbursers	35
" 62 Financial results	36

Review on the Forest Report.

AREA.—There has been no alteration under this head or under that of the fuel and fodder reserve, the total area remaining the same as last year.

BOUNDARIES.—The rubble-stone pillars have been replaced by *pucca* ones, and the *Kutch*a pillars whitewashed.

TIMBER DEPÔT.—A Timber Depôt has been opened at Sojat and its results are still awaited.

SURVEY.—Survey work is progressing satisfactorily, the Desuri range having already been surveyed and that of the Sojat range has nearly been completed.

GENERAL PROTECTION AND BREACHES OF THE LAW.—There has been a noticeable decrease in the number of forest offences by the criminal tribes and the Grassias, which is said to be due to a splendid crop of grass and fodder yielding shrubs outside the forest limits, and to the same cause may be ascribed the fall in the number of cattle grazed.

FOREST FIRES—The forests have comparatively been safe this year. As there was plenty of grass outside, the Superintendent seems right in his conjecture that forest fires are the doings of the graziers who have had no occasion this year to go into the forests. The Meywar Jagirdars still continue to stand aloof and render no assistance in the matter.

NATURAL REPRODUCTION.—Was rather poor which is ascribed to the trees bearing no fruit and consequently no seed during the last famine.

ARTIFICIAL REPRODUCTION.—Was tolerably satisfactory. The gardens and arboriculture were also properly looked after.

YIELD AND WORKING.—The total out-put of timber and fuel has greatly declined in comparison with that of the previous year and it is said to be due to a heavy storage of timber during the famine year when the labour was cheap.

FINANCIAL RESULTS.—During the last year there was a heavy deficit but this year there has been a small surplus of Rs 376/ which it is expected will improve in better years.

PANDIT SUKHEDEO PRASHAD, B. A.,

Secretary to Musahib Ala.

PROGRESS REPORT
 OF
FOREST ADMINISTRATION
 IN THE
MARWAR STATE
 FOR
1900-1901.

INTRODUCTION.

1. The famine relief operations of last year pushed good deal in this year and these operations followed by heavy rains and a general sickness did not permit of any new areas being reserved.

2. The surveying of Forests to 4" to a mile scale was continued; thus Raipur Range is completed and a good progress made in Sojat Range.

3. A timber depot was, remembering the wants of the agricultural population around, opened at Sojat and it promises to work well.

CHAPTER I.

Areas and Boundaries.

4. There were no changes under this head and the area remained the same as last year as below:—

Khalsa forests	...	...	265·11	sqr. miles
Fuel and Fodder Reserves	...	...	7·70	" "
Jagir Forests	...	...	70·37	" "
Total			...	343·18

5. The work of replacing dry rubble masonry pillars by *pucca* ones was again taken up and 69 pillars in Godhwar Range and 22 in Desuri Range were constructed @ a cost of Rs 146—0—0.

6. The *kucha* pillars were duly white-washed, renumbered and kept in good order.

CHAPTER II.

**Surveying, Working plans and
Plan of operations.**

7. The surveying of the Sojat Range forests was taken up during the year and 48 miles of traverse completed at a cost of Rs- 169—10—9. Desuri Range is already completed, work in Sojat Range is nearly over and as soon as Godhwar Range is gone over next year the forests along Aravli shall have been surveyed so as to admit of regular Working Plans being framed.

8. The Desuri Provisional Working Plan could not be acted up to, the demand in timber as well as in fuel having, owing to the last famine, fallen away. The bad effects of the famine, which created a handy chance for traders to stack in timber for some years to come, shall have for some time to be contended with.

9. A Plan of operations was as usual prepared and acted up to. The exceptions were too few to claim mention.

CHAPTER III.

General protection and Breaches of the Law.

10. The rains this year were exceptionally heavy, although a little late. A splendid crop of grass and other fodder-yielding shrubs came up, and left very little for the graziers to desire from the closed forests.

11. The criminal tribes, as also Grassias gave no great trouble consequent certainly upon the bumper crops, cultivated as well as forest.

12. 16 cases were sent to Hakumats and 50 pending from last year brought the total to 66 involving 151 persons. Of them 47 cases involving 105 persons were disposed of. Convictions involved 28 persons. Of the above 2 cases were tried by the Honorary Court of Raipur. 225 cases were compounded departmentally, as against 582 last year.

13. The following table shows the results of the 2 years:—

RANGE.			CASES COMPOUNDED.			Average per case.			Average per person.			Remarks.
			Number of cases.	Number of persons	Amount							
Sewari	...	...	100	180	544 5...	5	7	1	3	...	4	
Desuri	...	...	22	28	84 12...	3	12	9	3	...	5	
Sojat	...	...	66	170	240 11 9	3	10	4	1	6	8	
Siwana	...	...	8	12	8 12..	1	1	6	...	11	8	
Parbatsar	...	...	6	12	9 5...	1	8	10	...	12	5	
Raipur	...	...	23	36	66 11...	2	14	3	1	13	8	
Ghanerao	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	225	433	954 8 9	4	3	11	2	2	10	
1899—1900			582	1303	3,724 9 3	6	6	5	2	13	9	

Grass and Grazing.

14. As usual, the forests remained closed to the camels, sheep and goats through-out the year. The horned cattle were allowed to graze unrestricted as

stated in para 20 of last year's report, till the rains set in in August, when the usual restrictions were resumed.

15. The privilege to cut grass had, owing to the inability, consequent upon general sickness, of the cultivators to avail themselves of it within the specified time, to be extended to end of the year. The restrictions however will be resumed next year.

16. The following statement shows the number of cattle grazed in the forests:—

RANGE.	CATTLE.				Remarks.
	Right holders.	Out siders.	Free.	Total.	
Sewari ...	.....	58	.....	58	
Desuri ...	.....	.....	.....	.....
Sojat ...	256	.....	.....	256	
Siwana ...	2,892	.....	.....	2,892	
Parbatsar ...	834	.....	.....	834	
Raipur ...	3,464	.....	.....	3,464	
Ghanerao ...	109	.....	.....	109	
Total ...	7,555	58	.....	7,613	
1899-00.	3,365	103	.....	3,468	

17. 3,548 cattle were impounded for illicit grazing against 10109 in 1899-1900. as detailed below:—

RANGE.	DESCRIPTION OF CATTLE.				Total.	Remarks.
	Cows.	Buffaloes.	Sheep and goats	Other kind.		
Sewari ...	...	...	107	...	107	
Desuri ...	...	...	406	1	407	
Sojat ...	2	...	473	31	506	
Siwana ...	3	3	1,301	3	1,310	
Parbatsar ...	61	8	847	7	923	
Raipur ...	...	...	105	7	112	
Ghanerao ...	10	1	166	6	183	
Total ...	76	12	3,405	55	3,548	
1899-1900 ...	214	36	9,663	196	10,109	

Forest Fires.

18. The rains were unusually copious and brought out a heavy growth of grass and other rank vegetation inside as also outside the forests and the task of protecting the forests against fire seemed at one time so very difficult and trying.

19. The last famine on one hand almost denuded the surrounding country of cattle and there was on the other enough grass for what remained outside the forests and thus no graziers went inside the forests which, through this natural state of affairs, remained practically free. 3 fires one in Behra (10 acres) one in Desuri (50 acres) and the third in Barantia (160 acres) only occurred. One has, bearing the above in mind, good ground to conclude that graziers, intentionally or otherwise, cause the greater number of Forest fires.

20. The work of cutting trees and shrubs from the main fire line between Marwar and Meywar could not be under-taken owing to want of co-operation on part of the Meywar Jagirdars of Rupnagar, Jhilwara, Amet and Deogurh.

Natural Reproduction.

21. It was rather poor. The rains were sufficiently heavy and favourable for natural regeneration but the trees did not fruit last year so as to supply seed. They were, majority of them, lopped for the sake of fodder and had neither rains nor time to recuperate and bear seed. It was noteworthy that Dhan and Khair trees that seemed to all appearance dried up were hardy enough to give shoots again.

22. The following table will show the results of the arcs coppiced previously.

Godhwar Range.

			L.	G.
Sadhri ...	{	Kantia Dhau ...	8' 4"	2·11"
		Khair ...	12'--2"	6·2"
		Kuntia ...	9'-10"	2·7"
Behra	{	Dhau ...	13'--9"	4·11"
		Khair ...	12'--1"	3· 8"
		Seris ...	14'--9"	3·11"
		Gol ...	15'-10"	7·11"

Sojat Range.

Gudha Dhamatan	{	Kantia Dhan ...	15'--9"	10"
		Khair ...	16'--4"	7"
		Gol ...	20'--3"	1'

Artificial Reproduction.

23. *Godhwar Range.*—100 acres in Mandigar forest were sown with Babul seed. It germinated well and the plants were doing alright as the year closed.

24. The nurseries at Sewari and Thandiberi founded to supply mango plants to surrounding cultivators were kept up but the people were too impoverished to take to planting on a respectable scale.

25. 4,000 Bomboo rhizomes were planted in Náná, Behra and Sewari forests along the passes. They succeeded well.

26. *Desuri Range*—The area adjoining the Dháná nursery was sown broadcast with Sisoo seeds. The plants are in a good flourishing condition.

Roads and Buildings.

(1) ROADS.

27. *Siwana Range*.—A bridle path $2\frac{1}{2}$ miles long from Selá to Telwára forest was constructed @ a cost of Rs 76/4/3.

28. A foot path about 2 miles long was laid out from Kundal to Selá forest at a cost of Rs 43/4/3

29. A bridle path about 2 miles long was made from Dhiran to Bhagwan forest at a cost of Rs. 41/8/-

(II) BUILDINGS

30. *Godhwar Range*.—A room was added to the Latára Forest Choki at a cost of Rs 13/15/9.

31. *Desuri Range*—The Forest house was further extended at Kot Dháná mango nursery.

32. All the existing Chokies were kept in repairs.

34. *Sojat Range*.—A Forest Choki was built at Kantaliá and the expenses up to the close of the year came to Rs 21/3/6

35. *Siwana Range*.—A Forest Choki was built at Selá at a cost of Rs 61/13/6.

36. The building of the Forest Choki at Siwana was completed at a cost of Rs 129/9/0.

37. A Forest house was built at Kundal at a cost of Rs. 18/8.

CHAPTER IV.

Yield and Working.

38. The total outturn of timber and fuel expressed in cubic feet compares with that of the previous year as follows:—

Description.	TIMBER.		FUEL.		REMARKS.
	1899-00.	1900-1901.	1899-00.	1900-1901.	
Removed by Raj Agency ...	1,563	804	1,99,319	1,42,372	
" " Purchasers ...	16,297	4,050	62,488	66,124	
" " Right-holders .	14,894	2,455	1,75,508	1,25,677	
" " Free grants ...	736	...	2,955	...	
Total ...	33,490	7,309	4,40,279	3,34,173	
Raipur ...	3,649	783	13,078	19,713	
Ghanerao ...	2,064	1,994	13,520	3,360	
Grand total ...	39,203	9,986	4,66,868	3,57,246	

39. The comparative value of minor produce removed during the year under report and that of the previous one is as follows.

Description.	VALUE.		Remarks.
	1899-00.	1900-01.	
Removed by Raj Agency	7,602	.....
" " Purchasers	2,967	1,185	
" " Right-holder	3,692	6,267	
" " Free grants	3,914	.....
Total	18,175	7,452	
Raipur	1,025	505	
Ghanerao	691	188	
Grand total	19,891	8,145	

40. The removal of timber, as also fuel, by Raj agency fell greatly, the depots having been stocked sufficiently last year. Last year was a famine, labour was extremely cheap and the wood traders had sagacity enough to store in timber for coming years. Both the purchasers and right-holders removed timber much below, as was expected, the average. The bad effects of the famine would continue to make themselves felt for 3 or 4 years.

I.—Departmental Operations.

41. The outturn of timber removed came to 804 cft. against 1,563 cft. and that of fuel to 1,42,372 cft. against 1,99,319 cft. last year. The removal of fuel should have fallen to its legitimate limit about 30,000 cft. but the collection of it that was under taken last year as a famine relief had to be continued into this year.

42. 300 maunds of charcoal were prepared and sent for sale to depots at Pali and Jodhpur.

II.—Removal by Purchasers.

43. As stated in para 38 the removal of timber fell from 16,297 to 4,050 and that of fuel rose from 62,488 to 66,124.

44. 4,223 bamboos were removed as against 8,784 last year.

45. Rs 21/- were realized from grass and grazing against 821/- last year and Rs. 2,118/- the year before last.

46. The sale of minor produce brought in Rs. 1,131/- against 1,639/- last year and Rs 1,326/- the year before last.

III.—Free grants and Removals by Right-holders.

47. No free grants were made during the year under report but produce as stated below, was given free to right-holders.

(a) Timber.

48.	A. class free of charge	...	...
	B. and C. classes at reduced rates	...	2,455	cft.
			<u> </u>	
	Total	...	2,455	

(b) Firewood.

49.	A and B. classes free of charge	...	1,19,411	
	C. class at reduced rates	...	6,266	cft.
			<u> </u>	
	Total	...	1,25,677	

(c) Bamboos.

50.	A class free of charge	...	...	.....
	B. and C. classes at reduced rates	...	...	200
			<u> </u>	
	Total	...	200	

(d) Grass and grazing.**I.—GRASS**

51.	A. and B. classes free of charge	...	110,200	Head loads.
	C. class at reduced rates	...	63	„
			<u> </u>	
	Total	...	110,263	„

II.—GRAZING.

52.	A. class free of charge	...	...	.....
	B. and C. classes at reduced rates	...	7,555	head cattle.
			<u> </u>	
	Total	...	7,555	„

(e) Mohya and Kamri.

53.	A. class free of charge	...	54,000	Head loads.
	B. and C. classes at reduced rates	...	3,700	„
			<u> </u>	
	Total	...	57,700	„

CHAPTER V.**Financial Results.**

54. The actual revenue amounted to Rs 19,698/ as against Rs 13,754/ last year and Rs 28,643/ the year before.

55. The expenditure came to Rs 19,322/.

56. The receipts and charges of the last 3 years compare as follows:—

Particulars.	1898-99.	1899-1900.	1900-1901.	Remarks.
Receipts	28,643	13,754	19,698	
Charges	20,925	19,042	19,322	
Deficit ... ..	...	5,288	...	
Surplus	7,718	...	376	

57. The financial results of the Jagir forests stand as follows:—

Raipur:—	1899-1900.	1900-1901.
Receipts ...	2,800—0—0	3,884—0—0
Expenses ...	989—0—0	1,346—0—0
Surplus ...	1,811—0—0	2,538—0—0

Ghanerao:—

Receipts ...	1,036—0—0	373—0—0
Expenses ...	476—0—0	334—0—0
Surplus ...	610—0—0	39—0—0

Bar:—

Receipts ...	10—0—0	30—0—0
Expenses ...	60—0—0	32—0—0
Surplus ...	.....	.....
Deficit ...	50—0—0	2—0—0

Barantia:—

Receipts ...	0—0—0	0—0—0
Expenses ...	60—0—0	60—0—0
Surplus ...	.....	.....
Deficit ...	60—0—0	60—0—0

Babra:—

Receipts ...	5—0—0	0—0—0
Expenses ...	60—0—0	60—0—0
Surplus ...	.....	.....
Deficit ...	55—0—0	60—0—0

Somel:—

Receipts ...	37—0—0	101—0—0
Expenses ...	60—0—0	48—0—0
Surplus ...	.....	53—0—0
Deficit ...	23—0—0	.....

CHAPTER. VI.**Village Fuel and Fodder Reserves.**

58. No new reserves were formed and the area under this head remained the same as detailed below:—

<i>Name.</i>			<i>Area in Bigas.</i>
Bambholai	...	...	1,800
Sampa	...	...	554
Sowania	...	...	437
Deoli	...	...	1,400
Udesi Kuwa	...	...	1,329
Khamal	...	...	295
Sadawas	...	...	78 $\frac{3}{4}$
Bomadra	...	...	464 $\frac{1}{4}$
Miniari	...	...	1,303
Bala	...	...	1,136
Hemliawas	...	...	150
Barsan	...	...	100
Gudha Bishnoyan	...	...	1,000

59 Babul and other miscellaneous species were sown broad-cast and in pits at Hemliawas, Barsan and Udesikuwa and Dhau, Jhinjha &c, at Bomadra and as the rains were copious, a splendid crop of Babul came up. The plants were doing well as the year closed.

60 At Bambholai khejra (*P. Spicigera*) was sown and Nim seed dibbled in at root of Thor (*E. Nivulia*) clumps and as these plants serve peculiarly as nurse to the former the Nim plants were well coming up. It is strongly recommended so to dibble the seed wherever Thor clumps are available.

61. Babul and Khakra (*Butia frondosa*) were sown in pits at Nawa-gaon and they came out well. This area is a patch of Usar soil, situate just below Chopda Band and as the sub-soil water is in consequence near the surface, both the species grow well there. Babul may be grown with advantage in similar situations, *e. g.* area just below Pichiak Band &c.

62. The expenditure under this head amounted to Rs. 699/14/6.

CHAPTER VII.**Arboriculture.**

63. No new plantations or roads were taken in hand.

64. 45 plants mostly Nim were put out in plantations No. 8 & 9 and 12 plants in the ground behind the Durbar Bungalow. The Race course had

to be planted afresh with 351 plants. There were 4663 plants at His Highness the Maharaja Sahib's Bungalow at the close of the year as below.

Plantation No. 8 & 9	...	...	...	2,799
Behind the Bungalow	...	...	...	1,211
Polo ground	...	...	...	179
Race course	...	...	...	351
Stables	...	...	...	123
Total				4,663

of them 49 were mangoes and 1,463 Jaman; they have made an excellent progress.

65. There were 519 plants at Badabhakar as the year commenced. Further planting was stopped and the year closed with 444 plants.

66. There were 160 plants at Chapasni plantation as the year commenced. Gaps were filled up as also new plants added, bringing the total to 200 mangoes 167 Jamans and 91 other species.

67. The Takhatsagar road had majority of its mangoes dried; they were replaced by Nim and Sires. The total number of trees on this road was 1,038.

68. The gaps in Masuri, Jalori, Rawanki, Sojatia gate and Chandmari roads were filled up with 1,353 plants.

69. The planting of Trevor Fair grounds was maintained and gaps filled up. They had 1,179 plants as the year closed. Of these about 400 only received water.

70. Plantations Nos. 1 to 7 as also the plantations Nos. 1 & 2 at Balsamand and those at Chhitar were looked after, but no new planting was done in these areas.

71. The nurseries at plantations Nos. 7, 8 and Balsamand, Chapasni and Ratanada were kept up. They contained 5,085 plants, of which 450 were mangoes 300 Jamans, 2,950 Nim, 325 Shishum and 1,060 Sires.

72. 21,690 plants received no watering while 10,371 did.

73. The revenue from arboriculture came to Rs. 165/14/9 while the Expenditure amounted to Rs. 9,294/3/- as under:—

Protective Establishment	...	Rs.	1,494-15-11
Office	..	..	164-9-9
Watering	...	..	2,909-6-6
Malies	...	..	2,334-13-3
Working of wells	...	..	1,028-9-9
Feed and keep of bullocks	..	..	628-2-6

Nurseries &c Plantings	267—0—0
Fencing	231—0—5
Tools	5—11—0
Miscellaneous	229—13—11
Total ...	9,294—3—0

CHAPTER VIII.

Gardens.

74. The Residency and other Bungalow gardens were looked after and kept up. The Dhub grass and other ornamental plants that dried last year were put in afresh.

75. At Ratanada, gaps caused by the last year, were duly filled up chiefly with Nim and other shade trees, the idea of mangoe-planting being given up.

76. It was decided to let out Nanemian garden for cultivation and so no planting was done there. Part of it has since been let out for Rs. 84/-

77. The Desuri garden continued to be looked after by the Ranger there. The gaps caused by last year are being slowly filled up as the funds permit.

78. The Sadhri Band garden was also decided to be let out on contract and so no planting was done there. It has since been let out on Rs 111 per annum.

79. The financial results of the gardens were as under.

Revenue ...	Rs 92—3—6	Expenditure...	5,150—8—10
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CHAPTER IX.

General.

80. 2 Jamiat Sawars of Kot Jagirdar and 2 of Rohat and Baroo remained with the Department. The Hakumats sent in no Sawars and mercenary ones continued to be employed instead.

81. Forest Ranger Rakheshur held charge of Desuri Range throughout the year and worked satisfactorily.

82. Forest Ranger Gokal Chand held charge of Sewari Range and gave satisfaction.

83. Forest Ranger Chatnr Bhuj remained in charge of Sojat Range. He was spoken off in addition to his range duties to supervise the work of the surveyor at work in that range and he conducted the supervision with credit.

84. Forest Ranger Daulat Ram held charge of Siwana Range.

85. Ranger Jagan Nath held charge of the Raipur Range throughout the year. He completed with credit the survey of that range.

86. The office establishment worked well.

87. The following forms are hereto attached:—

Form	No.	49
"	"	50
"	"	51
"	"	54
"	"	55
"	"	56
"	"	58
"	"	59
"	"	60
"	"	61
"	"	62

—————

ANNUAL FORM NO. 49.

Forest Department Marwar state. Area of Forests for 1900-1901.

State.	Range.	Area on 1st April 1900.		Added during the year.	Excluded or transferred to other hands.	Area on 1st April 1901.		Number and date of Kaifat of addition and transfer.	Remarks.
		Acres.	Equivalent in square miles.			Acres.	Equivalent in square miles.		
MARWAR.	Khalsa {	Godhwar	1,24,230	194.11	Besides these 7.75 square miles are reserved as Fuel and Fodder Reserves.
		Sojat	...	...	...	41,600	65	.....
		Siwana	...	...	...	3,840	6	.....
	Jagir. {	Raipur	...	...	...	8,320	13	.....
		Ghaneroo	...	...	...	3,277	5.12	.....
		Barantia	...	...	...	960	1.50	.....
		Babra	...	...	...	900	1.50	.....
		Bar	...	...	...	480	.75	.....
		Somel	...	...	...	1,920	3	.....
		Pi, Basi, Banval, Mayapar, Kalyatra, and Bidiad...	...	...	...	7,360	11.50	.....
		Mokalsar, Ramnia, Mawri, Gungrot, Golia, Piploon, Gudhanal, Sener, Kundal, Sela, Janpur, Mangi, Dhiran, Telwara and Bhagwan	...	...	...	21,760	34	.....
		Total	...	...	...	2,14,707	335.48	.....
						2,14,707	335.48	.....

ANNUAL FORM No. 50.

Forest Department Marwar State. Register of Breaches of Forest Rules during 1900-1901.

Forest Range and Civil Pargana.	Cases pending from 1899-1900.	NEW CASES OF THE YEAR.						DISPOSED OF DURING THE YEAR.						Cases pending at close of the year.	Remarks.	
		Injury to Forest by fire.	Unauthorized felling or ap-propriation of wood & minor produce.	Grazing with-out permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases during the year.	Total cases.		CONVIC-TIONS.		ACQUIT-TALS.		TOTAL.			
							Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	Cases.			Persons.
A.—Cases tried by Magistrates:—																
Godhwar. { Sewari ...	22	...	4	.....	1	5	27	...	3	21	65	21	65	6	
Desnri ...	15	...	1	.....	1	2	17	2	3	3	7	6	10	11	
Sojat ...	12	...	2	.....	3	5	17	2	3	15	23	17	26	.....	
Siwana ...	1	...	.....	.....	.....	.....	1	...	...	1	2	1	2	.....	
Parbatsar ...	.....	...	.....	.....	.....	.....	.....	.....	2	...	...	2	...	.....
Raipur ...	.....	...	4	.....	.....	4	.....	2	2	...	...	2	...	.....
Ghanerao ...	.....	...	.....	.....	.....	.....	.....	...	...	...	...	...	...	.....
Total ...	50	...	11	.....	5	16	66	7	8	40	97	47	105	19	
B.—Cases compounded by Forest officials:—																
Godhwar. { Sewari ...	.....	...	81	13	6	100	100	100	180	...	...	100	180	.....	
Desnri ...	.....	...	16	3	3	22	22	22	28	...	...	22	28	.....	
Sojat ...	.....	...	45	8	13	66	66	66	170	...	...	66	170	.....	
Siwana ...	.....	...	5	.....	3	8	8	8	12	...	...	8	12	.....	
Parbatsar ...	.....	...	6	.....	.....	6	6	6	12	...	...	6	12	.....	
Raipur ...	.....	...	23	.....	.....	23	23	23	36	...	...	23	36	.....	
Ghanerao ...	.....	...	.....	.....	.....	.....	...	...	...	...	...	...	...	.....
Total ...	.....	...	176	24	25	225	225	225	438	...	...	225	438	.....	
Grand Total ...	50	...	187	24	30	241	291	232	446	40	97	272	543	19		

ANNUAL FORM No. 54.

Forest Department Marwar State. Outturn (in cubic feet solid) of Timber and Fuel during the year 1900-1901. and agency of exploitation.

RANGE.	TIMBER IN THE ROUGH LOGS.				TIMBER IN THE ROUGH POLES.				SAWN OR SQUARED TIMBER.				MISCELLANEOUS.				FUEL.				Total.
	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	
Godhwar { Sawari { Desuri Sojat Sivana Parbatsar	571	2,603	...	835	4,011	...	...	...	...	...	1,42,928	39,716	.....	33,066	2,15,910	2,19,951
	233	...	304	557	...	...	...	...	...	.....	150	.....	945	1,095	1,652
	233	1,082	...	1,316	2,631	...	...	...	...	...	144	26,118	.....	1,156	30,448	33,079
	110	...	...	110	...	...	...	...	...	.....	80	.....	83,200	85,280	85,330
Total	801	4,050	...	2,455	7,309	...	...	...	...	...	1,42,972	66,121	.....	1,25,677	3,31,173	3,11,182

Jaipur Ghanerao	257	...	526	783	...	...	...	...	...	6,960	7,113	.....	5,340	19,713	20,496
	4	...	1,890	1,894	...	...	...	...	...	.....	.....	.....	3,360	3,360	5,251
Total	261	...	2,416	2,677	...	...	...	...	...	6,060	7,413	.....	8,700	23,073	25,750
	801	4,311	...	1,871	9,986	...	...	...	...	...	1,19,332	73,537	.....	1,34,377	3,57,216	3,67,232
Grand Total

ANNUAL FORM NO. 55.*Forest Department Marwar State. Outturn of minor produce during the year 1900-1901.*

Range.	Description of Produce.	RAJ AGENCY.		PURCHASES.		FREE GRANTS.		RIGHT HOLDERS.		TOTAL.		Remarks.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
Sewari	Bamboos	...	...	2,959	69	...	...	200	2	3,159	71	
	Kauries (Head-load)	...	...	90	8	...	...	990	93	1,080	101	
	Grass do. do.	...	...	...	...	...	...	...	...	...	...
	Do. (carts)	...	...	...	...	...	...	...	...	...	...
	Grazing cattle	...	...	58	19	...	...	...	15	...	...
	Khoka (Head-load)	...	...	...	...	...	...	...	...	...	...
	Honey and wax	...	...	...	...	...	...	...	...	...	...
	Mohya (Head-loads)	...	...	...	...	...	...	...	...	...	...
	Pala (carts)	...	...	...	...	...	...	...	...	...	...
	Do. (Head-loads)	...	...	...	...	...	...	...	...	...	...
	Mohura and Bankra	...	...	...	...	...	...	...	...	...	...
	Lime	...	...	...	...	...	...	...	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...
Desuri	Bamboos	...	...	1,121	26	...	...	...	...	1,121	26	
	Kauries (Head-load)	...	...	333	33	...	...	...	...	640	51	
	Grass (do)	...	...	110	2	...	...	207	18	173	3	
	Grazing cattle	...	...	...	...	...	...	...	...	...	...
	Pala (Head-loads)	...	...	28	2	...	...	...	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...
	Carried over	...	...	4,699	1,088	...	...	3,211	182	7,910	1,270	

ANNUAL FORM NO. 55. Continued.*Forest Department Marwar State. Outturn of minor produce during the year 1900-1901.*

Range.	Description of Produce.	RAJ AGENCY.		PURCHASERS.		FREE GRANTS.		RIGHT HOLDERS.		TOTAL.		Remarks.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
	Total Brought forward	..	..	4,699	1,088	..	..	3,211	182	7,910	1,270	
Sajat	Bamboos	..	..	143	4	..	..	..	..	143	4	
	Grazing grass	..	..	..	..	..	..	256	63	256	63	
	Kamries (Head-loads)	..	..	640	50	..	..	806	73	1,446	129	
	Dhao branches	..	..	..	..	..	..	16	8	..	8	
	Honey and wax	..	..	..	35	..	..	..	..	..	35	
Sivnua	Grass (Head-loads)	..	..	..	..	..	..	1,02,500	1,000	1,02,500	1,000	
	Do. (cart-loads)	..	..	..	..	..	..	6,509	1,637	6,509	1,637	
	Do. (camel-loads)	..	..	..	..	..	..	1,200	150	1,200	150	
	Grazing cattle	..	..	..	..	..	..	2,892	855	2,892	855	
	Mohiya (Head-loads)	..	..	..	..	..	..	54,500	1,609	54,500	1,609	
	Pala (carts)	..	..	..	..	..	..	31	15	31	15	
	Do. (Head-loads)	..	..	..	..	..	..	100	6	100	6	
Parpatsar	Kamri (do.)	..	..	13	1	..	..	..	..	13	1	
	Grazing cattle	..	..	..	..	..	..	834	60	834	60	
	Miscellaneous	23	1	23	1	
	Total	5,518	1,185	1,72,846	6,267	1,78,364	7,452	

[illegible]

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ANNUAL FORM NO. 56-(Continued)

Account of timber or other produce cut or collected by Raj Agency and brought to sale Depots or sold locally during the year 1900-1902.

Particulars	No or quantity.	Cubic-feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity	Cubic-feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic-feet.				No. or quantity.	Cubic-feet.
Musal ..	5				Utilized by the Department.				
Golia ..	7				<i>Sawari Range.</i>				
Paga ..	35				Singri ..	6			
Singri ..	83				Dingar ..	14			20
Ins ..	62				<i>Desuri Range.</i>				
<i>Jodhpur Range—</i>					Danda ..				400
Lalit Rohan	11				Total ..				420
Shisham logs	2								
Nim ..	43								
Do. pieces	114								
Babul log	1				Total True Disposal.				2970½
Do. pieces	1								Mds. Srs.
Khejri log	2								1 3
Pipul ..	1				II. GROSS DISPOSAL.				
Patia ..	5				Transferred to other Depots.				
Khejri lopping	5				<i>Sijot Range.</i>				
Golia ..	300				Ins ..	31			
					Uph ..	20			
					Feed ..	100			151
Total balance ..					Total gross Disposal ..				151
RECEIPTS.					Total Desposal ..				3,127½
I. True receipts.									Mds. Srs.
Received from the forest.					Balance at close of the year.				1 3
<i>Sijot Range.</i>					<i>Sawari Range.</i>				
Saran Depot.									
Dingar ..	2,487								

Total Receipts	Md.	Sr.
7,759	5	13 $\frac{1}{2}$
Grand total	12,427	5
	Md.	Sr.
	5	13 $\frac{1}{2}$
Sambal wood	...	...
Pali depot Thekar	...	...
Pat ...	...	...
Lathin Ins	...	...
Ins class 1 & 2	...	...
Paga ...	...	...
Upla ...	...	...
Hai ...	...	...
Patia Salar	...	...
Balevan...	...	...
Thobli ...	...	...
Moyal ...	...	...
Kani ...	...	...
Beola ...	...	...
Danda	...	...
Bank ...	...	...
Musal ...	...	...
Golia ...	...	...
Pagia ...	...	...
Singris ...	...	...
Dingar ...	...	...
Jodhpur Range—		
Lath Rohan	...	...
Shisham logs	...	...
Nim logs	...	...
Nim pieces	...	...
Babul log	...	...
Babul pices	...	...
Shisham piece	...	...
Total balance	...	...
	Md.	Sr.
	2	2
	Sl	10
	125	58
	147	87
	16	20
	4	2
	11	5
	240	8
	1,108	8
	7	41
	35	329
	104	187
	2,431	9,299 $\frac{1}{2}$
		Mds. Sr.
		4 10

ANNUAL FORM NO. 56.—(Continued.)

Account of timber or other produce cut or collected by Raj Agency and brought to sale Depôts or sold locally during the year 1900-1901.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
					FIREWOOD.				
Balance at commencement of the year.					Grand total of Disposals ...			12,427	
Sewari (maunds) ...	14,871				DISPOSAL—			Mds. Srs.	
Desuri (carts) ...	118				I. True disposal.			5	13
Sojat (maunds) ...	36				Removed by purchasers from depôt.	7,493			
Pali Do. ...	22,910				Sewari (maunds) ...	25			
Jodhpur Do. ...	44				Desuri (carts) ...	24,328			
					Pali (maunds) ...	8,452			
Total balance ...					Jodhpur (maunds) ...				
					Total ...	40,298			
RECEIPTS:—					Lost in transit or on account of being dried—				
True Receipts.					Sewari ...				
Sewari Range (maunds) ...	34,337				Pali ...				
Jodhpur (maunds) ...	1,274								
					Utilized for making charcoal				
Total true receipts ...	35,631				De-suri (carts) ...				
CROSS RECEIPTS:—					Pali (maunds) ...				
Transferred from other depôt.					Total ...				
Pali ...	27,593								
Jodhpur ...	7,134				Total true disposals ...				
Total cross receipts ...	34,727								
Total receipts ...	70,358				II. GROSS DISPOSAL:—				
					Total true disposals ...				
									48,578

Grand Total ...	1,08,337	Transferred to other depôt. Sewari (maunds) ...	29,643
..		Pali ..	5,084
		Total cross disposals	34,727
		Total disposal	83,305
		Balance at close of the year.—	5,510
		Sewari (maunds) ...	89
		Desuri (carts) ...	36
		Sajit (maunds) ...	10,397
		Pali ..	
		Total	25,032
		Grand Total	108,337
CH ARCOAL.			
	123	DISPOSAL.—	
	123	I. True disposal	
		Removed by Purchasers from Depôt.	
		Pali (maunds) ...	Mds. Srs. 15 15
		Jodhpur	Mds. Srs. 127 22
	112		Mds. Srs. 142 37
	112	Total	
		Lost in transit on by wastage.	
		Pali (maunds) ...	Mds. Srs. 25 7
		Jodhpur	Mds. Srs. 26 32
			Mds. Srs. 51 39
		Total	
		Total True disposals	Mds. Srs. 194 36
RECEIPTS:—			
Balance at commencement of the year:—			
Jodhpur (maunds) ...			
Total Balance			
I. True Receipts.			
Received during the year by converting firewood.			
Pali (maunds) ...			
Total True Receipts			
II. Cross Receipts.			
Transferred from other Depôt.			
Jodhpur...			
Total Cross Receipts			
Total Receipts			

ANNUAL FORM No. 56.—Continued.

Account of timber or other produce cut or collected by Raj Agency and brought to sale Depôts or sold locally during the year 1900-1901.

Particulars.	No. or quantity.	Cubic-feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic-feet.	TOTAL OF EACH HEAD.	
			Cubic-feet.	No. or quantity.				No. or quantity.	Cubic-feet.
Grand Total ...			Mds. Srs. 331 25		II. GROSS DISPOSAL:— Pali ... ..	...		Mds. Srs. 96 25	
					Total Gross Disposals ...	...		Mds. Srs. 96 25	
					Total Disposals ...	...		Mds. Srs. 291 21	
					Balance at close of the year.			Mds. Srs. 40 4	
					Jodhpur...	...		Mds. Srs. 40 4	
					Total Balance ...	...		Mds. Srs. 331 25	
					Grand Total ...	...		
BAMBOOS.									
Balance at commencement of the year.					DISPOSAL.				
Sevati		29,958		I. TRUE DISPOSAL.				
Desuri		3,637		Removed by purchasers from Depot.				
Pali		19,483						
Jodhpur...	...		32,434						

Total Balance ...	...	...	Sewari ...	...	...	10,257
I. TRUE RECEIPTS.			Desuri ...	...	...	715
Gained by recounting.			Pali ...	...	...	13,665
			Jodhpur ...	...	...	11,388
			Total ...	...	...	36,017
Sewari ...	...	...	Utilized by the Department	...	...
Total ...	...	...	Desuri ...	...	...	350
Transferred from other Department.			Total	...	...	350
Pali ...	...	...	Total True Disposals	...	...	36,367
Total True Receipts ...	...	...	II CROSS DISPOSAL.			19,603
II. CROSS RECEIPTS.			Sewari ...	...	...	19,603
Pali ..	...	...	Total Cross Disposals	...	...	65,970
Total Cross Receipts ...	...	...	Total Disposals	...	...
			Balance at close of the year.			
			Sewari ...	...	...	958
Total Receipts ...	...	...	Desuri ...	...	...	2,572
Grand Total ...	...	...	Pali ...	...	...	25,797
			Jodhpur...	...	...	21,054
			Total Balance	...	...	50,381
			Grand Total	...	...	1,06,351

ANNUAL FORM NO. 58.—Continued.
Forest Department Marwar State. Summary of Expenditure of different ranges of Marwar Forests during 1900-1901.

BUDGET HEADS.		Direction	Sevati Range.	Desuri Range.	Sojat Range.	Savana Range.	Parbatsar Range.	Pali Range.	Jodhpur Range.	Total.	Remarks.
A. CONSERVANCY.											
<i>I.—Timber and other Produce removed from the Forests by Raj Agency.—</i>											
(a) Timber	..	31 12 2	40 7 3	12 9 9	52 5 9	..	..	70 11 3	..	176 2 0	..
(b) Firewood	..	6 9 0	1,009 2 6	4 4 0	..	..	..	1,156 5 4	502 10 0	3,034 2 0	..
(c) Bamboos	..	..	5 1 6	3 6 6	..	..	..	231 10 3	5 12 0	252 7 2	..
(d) Grass and other minor produce	..	..	8 10 6	..	..	..	..	..	..	81 10 6	..
<i>II.—Timber and other produce removed from the Forests by purchasers or consumers.—</i>											
..	..	..	..	..	..	0 4 9	0 4 0	..	..	0 8 9	..
<i>III.—Confiscated drift and waifwood.—</i>											
<i>IV.—Revenue from Forests not managed by Raj.—</i>											
(a) Duty on foreign timber and other Forest produce	..	..	13 10 3	0 5 0	..	..	..	..	..	13 15 3	..
(b) Revenue from shared and private forests	..	..	..	..	..	..	..	..	..	..	..
<i>V.—Revenue from leased Forests and payment to share-holders in Forests managed by Raj.—</i>											
<i>VI.—Live stock, stores, tools and plants.—</i>											
(a) Purchase of cattle	..	..	..	..	..	..	..	..	..	..	..
(b) Feed and keep of cattle	..	..	..	..	..	..	..	..	..	..	..
(c) Purchase of stores, tools and plants	..	1 1 0	..	0 3 0	..	..	..	..	..	1 4 0	..
<i>VII.—Communications and buildings.—</i>											
(a) Roads and Bridges	..	..	45 14 6	..	15 6 6	161 0 6	..	..	..	222 5 6	..
(b) Buildings	..	..	52 2 3	47 1 2	50 11 3	215 5 3	1 6 0	..	..	374 11 11	..
(c) Other works	..	..	0 7 0	..	0 7 6	..	..	..	..	0 14 6	..
<i>VIII.—Demarcation improvement and extension of Forests.—</i>											
(a) Demarcation	..	..	106 4 3	42 4 6	..	..	..	..	..	148 8 9	..
(b) Compensation of land	..	..	..	..	..	..	..	..	..	..	..
(c) Surveying and working plans	..	2 0 0	10 13 0	149 4 9	121 0 0	..	..	..	..	283 13 5	..
(d) Sowing and planting	..	0 8 0	110 3 0	19 9 3	7 12 0	..	..	..	..	138 0 3	..
(e) Protection from fire	..	..	..	12 8 0	..	..	..	..	..	12 8 0	..
(f) Other works	..	..	..	..	..	..	..	..	..	..	..
<i>IX.—Miscellaneous.—</i>											
(a) Refunds	..	..	..	..	..	..	..	..	..	..	..
(b) Law charges	..	123 3 0	112 8 0	91 8 0	110 14 0	149 4 9	6 3 0	80 12 3	67 2 0	741 7 0	..
(c) Other charges	..	..	..	..	..	..	..	..	..	..	..
Total of A. conservancy	..	165 1 2	1,588 4 0	350 14 4	391 10 3	533 11 3	7 15 0	1,509 7 1	935 8 0	5,482 7 1	..

ANNUAL FORM NO. 58.—Continued.

Forest Department Maricar State. Summary of Expenditure of different ranges of Maricar Forests during 1900-1901.

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ANNUAL FORM No. 59.

Forest Department Marwar State. Account current for the year 1900-1901

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ANNUAL FORM No. 60.

Forest Department Marwar State. Revenue received and outstanding on account of Revenue during the year 1900-1901.

Range.	Particulars.	Outstanding at com- mencement of the year.	Value of sales and other revenue dur- ing the year.	Total.	Amount realized during the year.	Balance due to the depart- ment at end of the year.	Remarks.
Sewari ...	Forest conservancy	1,523	11,098	12,621	9,500	3,120	
Desuri ...	"	593	733	1,326	711	615	
Sojat ...	"	152	2,059	2,211	1,470	740	
Sivana ...	"	...	183	183	183	...	
Parbatsar ...	"	...	102	102	102	...	
Pali ...	"	...	7,436	7,436	7,436	...	
Jodhpur ...	Arboriculture and Gardens	...	...	...	...	...
Direction ...	Fuel and Fodder Reserves and Bera Buories	4,210	754	4,964	...	4,994	
	Total	6,509	22,427	28,936	19,465	9,471	
	Rajpur	133	3,784	3,918	3,883	34	
	Ghanero	...	372	372	372	...	
	Bar	...	30	30	30	...	
	Barautia	...	...	...	...	...
	Dabra	...	...	...	...	...
	Somel	...	101	101	101	...	
	Grand total	6,643	26,715	33,358	23,852	9,505	

ANNUAL FORM NO. 61.

Forest Department Manipal State. Outstanding and Liabilities on account of Contractors and Disbursers for 1900-1901.

Range.	DEPARTMENT DEBITOR.			DEPARTMENT CREDITOR.			BALANCE DUE.		Remarks.
	At commencement of the year.	Recoveries in cash and value of supplies & works done during the year.	At close of the year.	At commencement of the year.	Payments made during the year.	Total.	To department outstanding.	By department liabilities.	
Lala Gokalchand Forest Ranger	...	12,047 9	12,047 9	709 5	11,464 7	12,173 12	126 2	...	...
S. A. Rakhespur "	...	7,746 14	7,746 14	0 3	7,905 15	7,906 2	159 4	...	...
Babu Chatur Bhuj "	...	8,014 10	8,014 10	491 3	7,629 0	8,120 3	105 9	...	...
Lala Daulat Ram "	...	1,800 12	1,800 12	5 8	1,795 3	1,800 12	0 0	...	...
Munshi Piran Dutta Forester	...	719 7	719 7	7 7	717 11	725 3	511 6	...	...
Pancholi Hazarimal Forester	...	1,299 3	1,299 3	168 9	1,222 8	1,391 1	91 13	...	...
Lala Jagannath Forest Ranger	...	4,119 3	4,119 3	795 11	3,323 7	4,119 3	...	...	...
Munshi Puranchand Forester	...	17,185 4	17,185 4	92 12	17,236 11	17,329 7	144 3	...	...
Rao Raja Gulab Singh and other Jagirdars	1,629 11	595 14	2,225 10	2,225 10	...	...
Jagirdar Raipur	410 0	410 0	410 0	...	...
Total	...	52,933 0	52,933 0	3,900 8	52,300 15	56,201 7	3,268 6	...	...

ANNUAL FORM NO. 62.*Forest Department Marwar State. Financial results of the year 1900-1901.*

Range.	TIMBER AND OTHER PRODUCTS REMOVED FROM THE FORESTS BY RAJ AGENCY				Formation, protec- tion and im- provement of Forests.	TOTAL.		Remarks.
	Receipts.	Charges.	OTHER REVENUE.			Receipts.	Charges.	
			Receipts.	Charges.				
Sewari Range	5,773	1,136	3,728	3,088	228	9,501	4,452	
Desuri "	53	21	658	2,490	191	711	2,702	
Sojat "	154	52	1,317	2,103	154	1,471	2,309	
Sivana "	.....	.....	184	1,793	8	181	1,801	
Parbatsar "	.....	.....	162	697	.....	162	697	
Pali	7,436	1,429	200	86	.....	7,636	1,515	
Jodhpur	33	868	.....	70	.....	33	938	
Total	13,449	3,506	6,249	10,327	581	19,698	14,414	
Direction	.....	38	.....	4,870	.....	.....	4,908	
Total Raj Department	13,449	3,544	6,249	15,197	581	19,698	19,322	
Raipur	.....	.....	3,884	1,310	36	3,881	1,346	
Ghanero	.....	.....	373	273	61	373	334	
Bar	.....	.....	30	32	.....	30	32	
Barantia	.....	.....	.....	60	.....	.....	60	
Babra	.....	.....	.....	60	.....	.....	60	
Somel	.....	.....	101	48	.....	101	48	
Grand Total	13,449	3,544	10,637	16,980	678	24,086	21,202	

